

RECEIVED

NOV 06 2002

1634



App. # 09/807, 526 TECH CENTER 1600/2900

PTO/SB/21 (08-00)

Approved for use through 10/31/02. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

21

Application Number	See Attached Appendix
Filing Date	See Attached Appendix
First Named Inventor	See Attached Appendix
Group Art Unit	N/A
Examiner Name	N/A

Attorney Docket No. 532592800000

RECEIVED
NOV 01 2002

TECH CENTER 1600/2900

ENCLOSURES (check all that apply)

- | | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment / Reply | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declarations | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> Return Postcard |
| <input type="checkbox"/> Information Disclosure Statement, PTO Form 1449, References | <input type="checkbox"/> Request for Refund | <input type="checkbox"/> Revocation of Prior Power of Attorney and Power of Attorney and Prosecution by Assignee (3 pages) |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> Appendix (2 pages) |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | <input type="checkbox"/> Remarks | <input type="checkbox"/> Copies of related Recordation of Assignment Documents, concurrently filed (15 pages) |
| <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 | | |



25225

PATENT TRADEMARK OFFICE

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	Bruce D. Grant Reg. No. 47,608 Morrison & Foerster LLP 3811 Valley Centre Drive, Suite 500, San Diego, California 92130
Signature	
Date	October 24, 2002

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on October 24, 2002.

Adriane Giberson

Adriane Giberson

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Issue Fee, Washington, DC 20231.

09/807526
JC03 Rec'd PCT/PPO 12 APR 2001

DOCKET NO.: GG110US

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

US National Phase of
International Application No.: PCT/GB99/03446

International Filing Date: 18 October 1999

Applicants: Timothy David Spector, Richard William Keen,
Fernando Gibson, Helen Ruth Molloy

Earliest Priority Date: 16 October 1998

Title: **POLYMORPHISM IN A TGF-BETA GENE
CORRELATED TO OSTEOPOROSIS**

Box PCT
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Certificate of Mailing
Pursuant to 37 C.F.R. 1.10

I certify that this correspondence was deposited with the U.S. Postal Service as Express Mail, Mailing Label No. EK748827483US, on the date set forth below.

Patricia A. McDaniels
Patricia A. McDaniels
Reg. No. 33,194 Date: 12 April 2001

STATEMENT PURSUANT TO 37 C.F.R. 1.821(f)

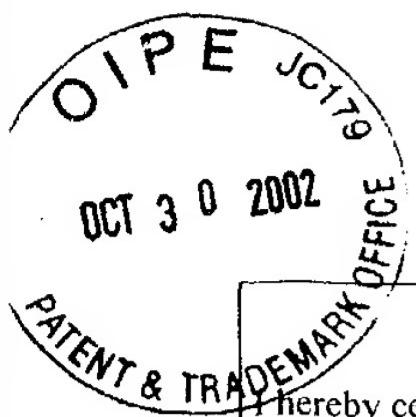
The sequence listing information recorded in computer readable form is identical to the written sequence listing submitted herewith.

Respectfully submitted,
GEMINI GENOMICS

Patricia A. McDaniels

Patricia A. McDaniels
Reg. No. 33,194

Gemini Genomics, Inc.
189 Wells Avenue
Newton, MA 02459
(617) 527-4198 (telephone)
(617) 527-4199 (facsimile)



RECEIVED

NOV 06 2002

1634

PATENT

Docket No. 532592800000

TECH CENTER 1600/2900

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231, on October 24, 2002.

Adriane Giberson

Adriane Giberson

11/7/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Sequenom, Inc.

Serial No.: See attached Appendix

Filing Date: See attached Appendix

For: See attached Appendix

Examiner: N/A

Group Art Unit: N/A

RECEIVED
NOV 01 2002
TECH CENTER 1600/2900

RECEIVED

NOV 06 2002

TECH CENTER 1600/2900

**REVOCATION OF PRIOR POWER OF ATTORNEY AND
POWER OF ATTORNEY AND PROSECUTION BY ASSIGNEE
UNDER 37 C.F.R. § 3.71**

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Sequenom-Gemini Limited, Carlyle House, 107 Wellington Road South, Stockport, SK1 3TL, Great Britain, a corporation of England, the assignee of the entire right, title and interest in the attached list of patents and patent applications, hereby revokes all Powers of Attorney previously granted relating to these patents and patent applications and appoints as its attorneys or agents, with full power of substitution, association, and revocation, to prosecute these patents and patent applications and to transact all business in the United States Patent and Trademark Office connected herewith:

Lisa A. Amii (Reg No. 48,199)
Mehran Arjomand (Reg No. 48,231)
Erwin J. Basinski (Reg No. 34,773)
Richard R. Batt (Reg No. 43,485)
Jonathan Bockman (Reg No. 45,640)
Barry E. Bretschneider (Reg No. 28,055)
Tyler S. Brown (Reg No. 36,465)

Randolph Ted Apple (Reg No. 36,429)
Laurie A. Axford (Reg No. 35,053)
Shantanu Basu (Reg No. 43,318)
Vincent J. Belusko (Reg No. 30,820)
Kimberly A. Bolin (Reg No. 44,546)
Irina E. Britva (Reg No. 50,498)
Nicholas Buffinger (Reg No. 39,124)

Mark R. Carter (Reg No. 39,131)
Peng Chen (Reg No. 43,543)
Thomas Chuang (Reg No. 44,616)
Cara M. Coburn (Reg No. 46,631)
Raj S. Davé (Reg No. 42,465)
David Devernoe (Reg No. 50,128)
Stephen C. Durant (Reg No. 31,506)
Christopher B. Eide (Reg No. 48,375)
Carolyn A. Favorito (Reg No. 39,183)
Hector Gallegos (Reg No. 40,614)
Debra J. Glaister (Reg No. 33,888)
Bruce D. Grant (Reg No. 47,608)
Douglas G. Hodder (Reg No. 41,840)
Charles D. Holland (Reg No. 35,196)
Jill A. Jacobson (Reg No. 40,030)
Madeline I. Johnston (Reg No. 36,174)
Ararat Kapouytian (Reg No. 40,044)
Cameron A. King (Reg No. 41,897)
Kawai Lau (Reg No. 44,461)
Rimas T. Lukas (Reg No. 46,451)
Michael J. Mauriel (Reg No. 44,226)
Gladys H. Monroy (Reg No. 32,430)
Kate H. Murashige (Reg No. 29,959)
Catherine M. Polizzi (Reg No. 40,130)
Robert Saltzberg (Reg No. 36,910)
Debra A. Shetka
David Smith (Reg No. 39,839)
Stanley H. Thompson (Reg No. 45,160)
Brenda J. Wallach (Reg No. 45,193)
E. Thomas Wheelock (Reg No. 28,825)
Eric Witt (Reg No. 44,408)
David T. Yang (Reg No. 44,415)
George C. Yu (Reg No. 44,418)
Jie Zhou (Reg No. 52,395)

Robert K. Cerpa (Reg No. 39,933)
Alex Chartove (Reg No. 31,942)
Thomas E. Ciotti (Reg No. 21,013)
Matthew M. D'Amore (Reg No. 42,457)
Peter Davis (Reg No. 36,119)
Karen B. Dow (Reg No. 29,684)
Richard R. Eckman (Reg No. 42,504)
Elisabeth M. Everts (Reg No. 50,304)
David L. Fehrman (Reg No. 28,600)
Deborah S. Gladstein (Reg No. 43,636)
Kenneth R. Glick (Reg No. 28,612)
Johnney U. Han (Reg No. 45,565)
Alan S. Hodes (Reg No. 38,185)
Arthur S. Hsieh (Reg No. 48,247)
Wayne Jaeschke, Jr. (Reg No. 38,503)
Parisa Jorjani (Reg No. 46,813)
Richard C. Kim (Reg No. 40,046)
Lawrence B. Kong (Reg No. 49,043)
Glenn Kubota (Reg No. 44,197)
Hugh H. Matsubayashi (Reg No. 43,779)
Robert S. McArthur (Reg No. 45,674)
Philip A. Morin (Reg No. 45,926)
Martin M. Noonan (Reg No. 44,264)
Phillip Reilly (Reg No. 41,415)
Robert E. Scheid (Reg. No. 42,126)
Terri Shieh-Newton (Reg No. 47,081)
Kevin R. Spivak (Reg No. 43,148)
Thomas L. Treffert (Reg No. P48,279)
Michael R. Ward (Reg No. 38,651)
Todd W. Wight (Reg No. 45,218)
Frank Wu (Reg No. 41,386)
Peter J. Yim (Reg No. 44,417)
Karen R. Zachow (Reg No. 46,332)

all of Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, California 92130-2332, telephone: (858) 720-5100, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71 provided that if any one of said attorneys or agents ceases being affiliated with the law firm of Morrison & Foerster LLP as partner, employee or of counsel, such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

Please direct all communications relative to this application to:

Bruce D. Grant
Morrison & Foerster LLP
3811 Valley Centre Drive
Suite 500
San Diego, California 92130-2332

Please direct all telephone communications to Bruce D. Grant at (858) 720-7962.

Sequenom-Gemini Limited
a corporation of England

Dated: 8/29, 2002



Name: Clark W. Neumann
Title: Director
Address: Carlyle House
107 Wellington Road South,
Stockport, SK1 3TL
Great Britain



RECEIVED

NOV 06 2002

TECH CENTER 1600/2900

APPENDIX

1. Application Serial No.: 08/845,175
Filing Date: April 21, 1997
Patent No.: 5,939,260
Issue Date: August 17, 1999
Docket No.: 532592000400
2. Application Serial No.: 09/514,955
Filing Date: February 28, 2000
Docket No.: 532592001200
3. Application Serial No.: 09/153,555
Filing Date: September 15, 1998
Patent No.: 6,218,524
Issue Date: April 17, 2001
Docket No.: 532592001500
4. Application Serial No.: 09/471,890
Filing Date: December 23, 1999
Docket No.: 532592001600
5. Application Serial No.: 09/190,076
Filing Date: November 12, 1998
Docket No.: 532592001700
6. Application Serial No.: 08/808,158
Issue Date: February 28, 1997
Patent No.: 5,922,542
Issue Date: July 13, 1999
Docket No.: 532592000300
7. Application Serial No.: 08/857,464
Filing Date: May 16, 1997
Patent No.: 6,066,450
Issue Date: May 23, 2000
Docket No.: 532592000500
8. Application Serial No.: 08/982,293
Filing Date: December 2, 1997
Patent No.: 6,156,510
Issue Date: December 5, 2000
Docket No.: 532592000800

RECEIVED
NOV 06 2002
TECH CENTER 1600/2900

9. Application Serial No.: 09/792,415
Filing Date: February 23, 2001
Docket No.: 532592001400
10. Application Serial No.: 09/922,445
Filing Date: August 3, 2001
Docket No.: 532592002800
11. Application Serial No.: 09/700,270
Filing Date: April 12, 2001
Docket No.: 532592000900
12. Application Serial No.: 09/807,526
Filing Date: January 8, 2002
Docket No.: 532592001000
13. Application Serial No.: 09/942,310
Filing Date: August 29, 2001
Docket No.: 532592001900
14. Application Serial No.: 09/943,531
Filing Date: August 30, 2001
Docket No.: 532592002000
15. Application Serial No.: 09/943,115
Filing Date: August 30, 2001
Docket No.: 532592002100